

Goat anti-FABP3 Antibody

Item Number	dAP-2834
Target Molecule	Principle Name: FABP3; Official Symbol: FABP3; All Names and Symbols: FABP3; fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor); FABP11; H-FABP; M-FABP; MDG1; O-FABP; Fatty acid-binding protein 3, muscle; fatty acid binding protein 11; fatty acid-binding protein, heart; heart-type fatty acid-b; Accession Number (s): NP_004093.1; Human Gene ID(s): 2170; Non-Human GenelD(s):
Immunogen	PTTIIEKNGDILTLK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 15kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 14.9kDa according to NP_004093.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Hayabuchi Y, Inoue M, Watanabe N, Sakata M, Ohnishi T, Kagami S. Serum concentration of heart-type fatty acid-binding protein in children and adolescents with congenital heart disease. Circ J. 2011;75(8):1992-7..PMID: 21617322->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**